VOLOVICH, N.I.; PEDENKO, A.I.; SMERENSKAYA, A.V.; GOLODYUK, L.F.; KALUZHSKAYA, B.A.

Epidemiological significance of carriers of avirulent Corynebacterium diphtheriae. Zhur.mikrobiol.epid. i immun.28 no.12:29-33 D '57. (MIRA 11:4)

1. Iz Khar'kovskogo instituta vaktsin i syvorotok im. Mechnikova.
(CORYNEBACTERIUM DIPHTHERIAE,
avirulent strains, epidemical, aspects of carriage (Rus)

VOLOVICH, M.I., Doc Med Sci--(diss) " Present-day problems of epidemiology and prophylaxis of diphtheria." Khar'kov, 1958. 16 pp (Min of Health UkSSR. Khar'kov State Med Inst), 200 copies. Bibliography at end of text (19 titles)

KL, 26-58, 114)

APPROVED FOR RELEASE: 08/09/2001 CIA-RDP86-00513R001860720008-9"

USSR / Virology. Human and Animal Viruses. Rabies Virus. E-3

Abs Jour : Ref Zhur - Biol., No 18, 1958, No 81282

Authors : Volovich, N. I.; Gordiyenko, Ye. G.; Kats, F.M.; Kurilova, M. A.; Khaykina, A. S.

Inst : ~~Not given~~ Kharkov Inst. im. I.I. Mechnikov

Title : Experimental Obtaining and Study of Native and Refined Complex Sera AGainst Rabies and Tetanus.

Orig Pub : Vopr. virusologii, 1958, No. 1, 23-27.

Abstract : Comple; immune sera containing antibodies to rabies virus and tetanus toxin in a considerable titer were obtained by immunizing horses with fixated virus strains and tetanus antitoxin. These sera, and especially gamma-globulin obtained from them, possessed clearly expressed immunogenic properties when introduced at closest periods after infecting animals by fixated strains. -- From the authors' summary.

Card 1/1

VOLOVICH, N.I.

Persistence of antibodies in dried sera. Lab.delo 4 no.3:36-37 My-Je '58 (MIRA 11:5)

1. Iz Khar'kovskogo nauchno-issledovatel'skogo instituta vaktsin i syvorotok imeni Mechnikova (dir. - kand.biol.nauk O.P. Cherkas)
(ANTIGENS AND ANTIBODIES)
(SERUM)

VOLOVICH, N.I.

All-Union Conference on the Control of Rabies. Vop.virus 2 no.6:376-377 N-D '59. (MIRA 13:5)
(RABIES--CONGRESSES)

VOLOVICH, N.I.; GORDIYENKO, Ye.G.; LEVI, E.I.

Inactivation by ultraviolet rays of the rabies virus fixed in a thin layer of the suspension. Lab. delo 7 no.10:34-38 O '61. (MIRA 14:10)

1. Uzhgorodskiy nauchno-issledovatel'skiy institut epidemiologii, mikrobiologii i gigiyeny i Khar'kovskiy nauchno-issledovatel'skiy institut vaktsin i syvorotok.
(ULTRAVIOLET RAYS—PHYSIOLOGICAL EFFECT) (RABIES)

VOLOVICH, N.I.; POVOLOTSKIY, Ya.L.; SHEYNTSVIT, N.V.; RESHETAR, K.M.; VALKOVTSY, A.A.

Immunological indices in subjects coming in contact with persons vaccinated with live influenza vaccine. Vop. virus. 8 no.1:68-72 Ja-F'63. (MIRA 16:6)

1. Uzhgorodskiy institut epidemiologii, mikrobiologii i gigiyeny.

(INFLUENZA—PREVENTIVE INOCULATION) (IMMUNITY)

VOLOVICH, N.L., inzhener-podpolkovnik

Automation of distance aiming devices. Vest.Vozd.Fl. no.1:38-44 Ja '60. (MIRA 13:8)
(Bombing, Aerial)

VOLOVICH, V.

Lenin's principles of party and state control. Komm. Vooruzh. Sil 3 no.18:88-92 S '63. (MIRA 16:10)

1. Zaveduyushchiy sektorom Komiteta partiyno-gosudarstvennogo kontrolya TSentral'nogo komiteta Kommunisticheskoy partii Sovetskogo Soyuza i Soveta Ministrov SSSR.
(Communist party of the Soviet Union)
(Lenin, Vladimir Il'ich, 1870-1924)

VOLOVICH, Vitaliy Georgiyevich; NECHAYEVA, M.A., red.; UL'YANOVA, M.A., tekhn.red.

[A year at the Pole] God na poliuse. Moskva, Sovetskii pisatel', 1957. 273 p. (MIRA 11:1)
(Arctic regions)

VOLYNKIN, Yu.M.; YAZDOVSKIY, V.I.; GENIN, A.M.; VASIL'YEV, P.V.; GYURDZHIAN, A.A.; GUROVSKIY, N.N.; GORBOV, F.D.; SERYAPIN, A.D.; BELAY, V.Ye.; BAYEVSKIY, R.M.; ALTUKHOV, G.V.; KOPANEV, V.I.; KAS'YAN, I.I.; YEGOROV, A.D.; SIL'VESTROV, M.M.; SIMPURA, S.F.; TERENT'YEV, V.G.; KRYLOV, Yu.V.; FOMIN, A.G.; USHAKOV, A.S.; DEGTYAREV, V.A.; VOLOVICH, V.G.; STEPANTSOV, V.I.; MYASNIKOV, V.I.; YAZDOVSKIY, V.I.; KASHIN, P.S., tekhn. red.

[First space flights of man; the scientific results of the medicobiological research conducted during the orbital flights of the spaceships "Vostok" and "Vostok-2"] Pervye kosmicheskie polety cheloveka; nauchny rezul'taty mediko-biologicheskikh issledovanii, provedennykh vo vremia orbital'nykh poletov korablei-sputnikov "Vostok" i "Vostok-2." Moskva, Izd-vo Akad. nauk SSSR, 1962. 202 p. (MIRA 15:11)
(SPACE MEDICINE) (SPACE FLIGHT TRAINING)

VOLYNKIN, Yu.M.; ARUTYUNOV, G.A.; ANTIPOV, V.V.; ALTUKHOV, G.V.; BAYEVSKIY, R.M.; BELAY, V.Ye.; BUYANOV, P.V.; BRYANOV, I.I.; VASIL'YEV, P.V.; VOLOVICH, V.G.; GAGARIN, Yu.A.; GENIN, A.M.; GORBOV, F.D.; GORSHKOV, A.I.; GUROVSKIY, N.N.; YESHANOV, N.Kh.; YEGOROV, A.D.; KARPOV, Ye.A.; KOVALEV, V.V.; KOLOSOV, V.A.; KORESHKOV, A.A.; KAS'YAN, I.I.; KOTOVSKAYA, A.R.; KALIBERDIN, G.V.; KOPANEV, V.I.; KUZ'MINOV, A.P.; KAKURIN, L.I.; KUDROVA, R.V.; LEBEDEV, V.I.; LEBEDEV, A.A.; LOBZIN, P.P.; MAKSIMOV, D.G.; MYASNIKOV, V.I.; MALYSHKIN, Ye.G.; NEUMYVAKIN, I.P.; ONISHCHENKO, V.F.; POPOV, I.G.; PORUCHIKOV, Ye.P.; SIL'VESTROV, M.M.; SERYAPIN, A.D.; SAKSONOV, P.P.; TERENT'YEV, V.G.; USHAKOV, A.S.; UDALOV, Yu.F.; FOMIN, V.S.; FOMIN, A.G.; KHLEBNIKOV, G.F.; YUGANOV, Ye.M.; YAZDOVSKIY, V.I.; KRICHAGIN, V.I.; AKULINICHEV, I.T.; SAVINICH, F.K.; STMPURA, S.F.; VOSKRESENSKIY, O.G.; GAZENKO, O.G., SISAKYAN, N.M., akademik, red.

[Second group space flight and some results of the Soviet astronauts' flights on "Vostok" ships; scientific results of medical and biological research conducted during the second group space flight] Vtoroi gruppovoi kosmicheskii polet i nekotorye itogi poletov sovetskikh kosmonavtov na korabliakh "Vostok"; nauchnye rezul'taty medikobiologicheskikh issledovanii, provedennykh vo vremia vtorogo gruppovogo kosmicheskogo poleta. Moskva, Nauka, 1965. 277 p. (MIRA 18:6)

VOLYNKIN, Yu.M.; YAZDOVSKIY, V.I., prof.; GENIN, A.M.; GAZENKO, O.G.; GUROVSKIY, N.N.; YEMEL'YANOV, M.D.; MIKHAYLOVSKIY, G.P.; GORBOV, F.D.; SERYAPIN, A.D.; BAYEVSKIY, R.M.; ALTUKHOV, G.V.; KOPANEV, V.I.; KAS'YAN, I.I.; MYASNIKOV, V.I.; TERENT'YEV, V.G.; BRYANOV, I.I.; FEDOROV, Ye.A.; FOMIN, V.S.; ARUTYUNOV, G.A.; ANTIPOV, V.V.; KOTOVSKAYA, A.R.; KAKURIN, L.I.; TSELIKIN, Ye.Ye.; USHAKOV, A.S.; VOLOVICH, V.G.; SAKSONOV, P.P.; YEGOROV, A.D.; NEUMYVAKIN, I.P.; TALAPIN, V.F.; SISAKYAN, N.M., akademik, red.; KOLPAKOVA, Ye.A., red.izd-va; ASTAF'YEVA, G.A., tekhn.red.

[First group space flight; scientific results of medical and biological studies carried out during the group orbital flight of manned satellites "Vostok-3" and "Vostok-4] Pervyi gruppovoi kosmicheskii polet; nauchnye rezul'taty mediko-biologicheskikh issledovanii, provedennykh vo vremia gruppovogo orbital'nogo poleta korablei-sputnikov "Vostok-3" i "Voskot-4." Moskva, Izd-vo "Nauka," 1964. 153 p. (MIRA 17:3)

VOLOVICH, V. G.

S/133/62/000/009/003/009
A054/A127

AUTHORS: Chuyko, N.M., Doctor of Technical Sciences, Rutkovskiy, V.B., Danichok, R.Ye., Perevyazko, A.T., Porodulin, G.N., Tregubenko, A.F., Shamil', Yu.P., Frantsov, V.P., Volovich, V.G., - Engineers

TITLE: Blowing inert gases through the metal in the ladle under vacuum

PERIODICAL: Stal', no. 9, 1962, 809 - 811

TEXT: Vacuum treatment of liquid steel promotes the removal of gases and reduces the amount of nonmetallic inclusions. Tests were carried out (in cooperation with I.M. Ioffe, M.I. Lavrent'yev, G.P. Parkhomenko, V.I. Demidenko, Ye.M. Rysin, and T.M. Vorob'yeva, Engineers) to determine the optimum methods of blowing inert gases through the liquid metal in the ladle in combination with the vacuum treatment. The method established does not require special refractory materials, the apparatus used (designed by N.M. Chuyko, Professor and Ye.I. Lavreyev, Engineer) is of a simple design and metal losses through the spout can be prevented. The argon feed can be controlled very closely by means of 3 rotameters [RS-7 (RS-7) type], having 30 standard m^3/h capacity and supplied with

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(57)

S/133/62/000/009/003/009
A054/A127

Blowing inert gases through the metal in ....

needle valves. The test steel [IIX15 (ShKh15)] was smelted in four versions: I. blowing through the reduced metal in the ladle under atmospheric pressure; II. the same, under vacuum; III. vacuum treatment of non-reduced metal, containing less than 0.05% Si, in the ladle and reduction with ferrosilicon and aluminum at the end of the process; IV. blowing through non-reduced metal in the ladle under vacuum, with addition of ferrosilicon and aluminum at the end of blowing. Ferrosilicon was added in an amount to ensure 0.27 - 0.28% Si content in the metal, the amount of aluminum added was 0.5 kg/ton. The technically pure argon gas contained 0.003 - 0.009% oxygen and maximum 0.01% nitrogen. The hydrogen content of the metal (both in reduced and non-reduced condition) could most efficiently be removed when argon gas was blown through at residual pressures of 10 - 12 mm mercury column in the vacuum chamber, with a blowing time of at least 8 min. A maximum reduction of the oxygen content can be obtained by blowing gas into the ladle through non-reduced metal under vacuum (IV). With regard to nonmetallic inclusions the best results are attained by versions III and IV. Some of the heats were entirely without spheroidal inclusions. The amount of oxygen and of impurities also depends on the degree of reduction of the slag, in view of the intensive mixing of metal and slag during blowing. The

Card 2/3

Blowing inert gases through the metal in ....

lowest oxygen content (0.0019%) and the smallest number of oxide and spheroidal inclusions are ensured when argon is blown in amounts of 0.05 - 0.06 m^3/ton, under vacuum, at remanent pressures of 18 - 30 mm Hg. The intense stirring of the metal caused by the argon gas blown into the ladle also causes a uniform distribution of silicon in the bottom part of the ladle and its complete adsorption. There are 3 figures. The English-language reference is: Iron and Steel Engineer, 1959, v. 36, no. 9 (September), 192.

Card 3/3

L 53039-65 EWT(d)/EED-2/EWP(1) Pq-4/Pg-4/Pk-4 IJP(c) BB/JG

ACCESSION NR: AT5010203 UR/3043/65/000/003/0106/0133

AUTHOR: Volovich, V. M. 16 54 B+1

TITLE: On the solution of systems of linear algebraic equations by cell methods

SOURCE: Moscow. Universitet. Vychislitel'nyy tsentr. Sbornik rabot, no. 3, 1965. Vychislitel'nyye metody i programmirovaniye (Computing methods and programming), 106-133

TOPIC TAGS: algebraic equation, numerical solution, cell method, computer memory, computation program 16

ABSTRACT: The article deals with the computation programs of certain known methods of solving systems in which the order of the solved systems does not depend on the volume of the internal (operating) memory. These include the cell variants of the square root method, the Jordan method, the bracketing method, and iteration methods. The advantage of the cell modifications of these methods is that they frequently make it possible to use operations of the type of the scalar products (accumulation), thus doubling the accuracy and increasing the efficiency. It is shown that the use of some methods can reduce the number of working memory cells by 1/4,

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L 53039-65
ACCESSION NR: AT5010203

so that, for example, in a computer with a memory having 4096 cells it is possible to solve by the methods described systems up to order 124 inclusive, as against 62 as usual. The modification of each of the methods is described in detail. Orig. art. has: 8 formulas and 4 tables.

ASSOCIATION: Vychislitel'nyy tsentr Moskovskogo universiteta (Computation Center, Moscow University)

SUBMITTED: 00 ENCL: 00 SUB CODE: MA, DP

NR REF SOV: 003 OTHER: 000

ARS

Card 2/2

PEREVYAZKO, A.T.; CHUYKO, N.M., Prinimali uchastiye: FRANTSOV, V.P.; DANICHEK, R.Ye.; KARPOV, N.A.; VOROB'YEVA, T.M.; VOLOVICH, Yu.G.; SUN CHEN GUAN

Effect of the technology of smelting, vacuum treatment, and pouring of chromium-aluminum steel on the presence of spotty segregation. Izv.vys.ucheb.zav.; chern.met. 4 no.6:42-52 '61. (MIRA 14:6)

1. Dnepropetrovskiy metallurgicheskiy institut.
(Steel-aluminum alloys—Metallography)
(Vacuum metallurgy)

L 8504-66 EWT(m)/EWP(v)/EWP(j)/T/ETC(m) WW/RM

ACC NR: AP5028477 SOURCE CODE: UR/0286/65/000/020/0063/0063

AUTHORS: Ratner, I. S.; Volovich, Z. M.; Baklanov, G. M.; Kulakovskiy, V. A.; Gorskiy, B. Z.; Volk, A. I.-Kh.; Andreyev, A. A.; Arkdzhovskiy, V. N.; Timofeyev, N. Ya.; Meytin, R. Ya.

ORG: none

TITLE: A device for saturating fibrous reinforcing materials with a binder. Class 39, No. 1/5641

SOURCE: Byulleten' izobreteniy i tovarnykh znakov, no. 20, 1965, 63

TOPIC TAGS: bonding material, industrial instrument, mechanical motion instrument

ABSTRACT: This Author Certificate presents a device for saturating fibrous reinforcing materials with a binder. The device contains a mechanism for moving the material over a rigid base and a working percussion instrument. The latter is set into reciprocating motion in a plane normal to the motion of the material. To increase the productivity of the device while improving the saturation quality, the working instrument consists of spring-loaded plates mounted on a common traverse. Elastic supports are fixed to that side of the plates which is toward the material being worked.

SUB CODE: 13/ SUBM DATE: 13Dec62

UDC: 678.026.2

Card 1/1

L 42305-65 EPA(s)-2/EWT(m)/EPF(c)/EPR/EWP(j)/T Pc-4/Pr-4/Ps-4 WW/RM

ACCESSION NR: AP5008542 S/0286/65/000/006/0059/0059

AUTHOR: Kulakovskiy, V. A.; Polishchuk, S. M.; Volovich, Z. M.; Zektser, A. I.; Andreyevskaya, G. D.; Zelenskiy, E. S.; Senyanskiy, V. M.; Kosorygin, L. V.; Nikolaychik, V. I.

TITLE: A device for producing cylindrical shells made of transparent plastic. Class 39, No. 169238

SOURCE: Byulleten' izobreteniy i tovarnykh znakov, no. 6, 1965, 59

TOPIC TAGS: transparent plastic, cylindrical shell, industrial equipment

ABSTRACT: This Author's Certificate introduces a device for producing cylindrical shells made of transparent plastic. The unit incorporates a melting pot and a vat with a roller for coating. The device is also equipped with a stretching and a compensating mechanism which are located over the shell forming mechanism. The shell forming mechanism includes units for longitudinal and transverse winding of filaments as well as a polymerizer. The shell forming unit is made in the form of chucks with a horizontal axis. Along the perimeter of these chucks are a number of arbors which interact with the transverse and longitudinal winding mechanisms. The

Card 1/2

L 41305-65

ACCESSION NR: AP5008542

longitudinal winding mechanism is a belt driven or friction driver reciprocating carriage mounted on a guide parallel to the axis of the arbor.

ASSOCIATION: none

SUBMITED: 21Jun61 ENCL: 00 SUB CODE: MT, IE

NO REF SOV: 000 OTHER: 000

Card 2/2

VOLOVICHENKO, Ya. [Volovychenko, IA.], zhurnalist

Neighbor lent a friendly helping hand. Nauka i zhyttia 11 no.7:48-49 Jl '61. (MIRA 14:8)
(Borispol' District--Collective farms)

VOLOVICHEV, L.

Using journal-voucher accounting system. Avt. transp. 37 no.12:45 D '59. (MIRA 13:3)
(Transportation, Automotive--Accounting)

CONEA, Ana; VOLOVICI, C; MUCENIC, Iulia; NITU, I.

Pedological complex of Calmatui Valley. Dari seama sed 46: 429-446 '58/59 [publ. '62].

CONEA, Ana; VOLOVICI, C.; MUCENIC, Iulia; NITU, I.;

Soil of the low plain of Siret. Dari seama sed 47:421-439 '59/60 [publ. '62].

COMEA, Ana; VOLOVICI, C.; MUCENIC, Iulia; NITU,I.; ERATOSIN, Niculina; BUGEAC, Elena; IACOB, Eugenia; VASILESCU, Marcela; BALABAN,Lidia; COLIOS, Elena; PETRESCU, Adriana; POPESCU, Florica; SAFTA, Rodica; MAC, Mareta.

The Oradea plain and hilly soils. Dari seama sed 48[redacted]88 60/61 [publ. '62]

BOLKUNOV, Ye.; VOLOVIK, A.

Improving the smelting of converter pig iron. Metallurg 8 no.11: 7-10 N '63. (MIRA 16:12)

VOLOVIK, A.; SLAVKIN, M.

Analysis of annual reports of machine-tractor stations. Bukhg.uchet. 16 no.1:50-56 Ja '57. (MLRA 10:2)
(Machine-tractor stations--Accounting)

VOLOVIK, A.

How to conduct the economic analysis of collective farm reports for 1963. Fin.SSSR 38 no.2:87-92 F '64. (MIRA 17:2)

VOLOVIK, A.A., starshiy nauchnyy sotrudnik; NIKITIN, Yu., mladshiy nauchnyy sotrudnik; MILOSLAVOVA, T., mladshiy nauchnyy sotrudnik; SIVENKOVA, A., mladshiy nauchnyy sotrudnik

Potato wart and nitrafen preparation. Zashch. rast. ot vred. i bol. 9 no.8:42 '64. (MIRA 17:12)

1. Nauchno-issledovatel'skiy institut kartofel'nogo khozyaystva.

STASYUKOV, M.; CHUBAROV, P.; ZAYCHENKO, I., ratsionalizator; RUTSINSKIY, V.; VOLOVIK, A.; KNYSHEV, I.; SHTEYNGART, M.

Why are the suggestions of Dnepropetrovsk metal workers so slowly realized? Izobr.i rats. no.11:24-25 N '58. (MIRA 11:12)

1. Dnepropetrovskiy metallurgicheskiy zavod im. Petrovskogo (for all except Shteyngart). 2. Starshiy inzh. Byuro izobretateley i ratsionalizatorov zavoda (for Stasyukov). 3. Zamestitel' predsedatelya zavodskogo komiteta (for Chubarov). 4. Zamestitel' sekretarya partiynogo komiteta zavoda (for Rutsinskiy). 5. Zamestitel' sekretarya komiteta Leninskogo kommunisticheskogo soyuza molodezhi Ukrainy (for Volovik). 6. Sotrudnik gazety "Tribuna metallurga" (for Knyshev). 7. Spetsial'nyy korrespondent zhurnala "Izobretatel' i ratsionalizator" (for Shteyngart).

(Dnepropetrovsk--Efficiency, Industrial)

VOLOVIK, A.

Bolezni Serdtza U Detei (Heart Disorders in Children)

255 p. 2.00

SO: Four Continent Book List, April 1954

VOLOVIK, A.; SLAVKIN, M.

Resources for lowering expenses at machine-tractor stations per centner of goods paid in kind. Fin. SSSR 17 no.9:42-48 S '56. (MLRA 9:10)

(Machine-tractor stations) (Agriculture--Economic aspects)

VOLOVIK, A.

How to analyze a state farm report. Fin. SSSR 23 no.2:73-80 F '62. (MIRA 15:2)

(State farms—Accounting)

VOLOVIK, A.A.

Problems of designing electric drives with synchronous motors.
Prom. energ. 19 no.8:54-55 Ag '64.
(MIRA 17:11)

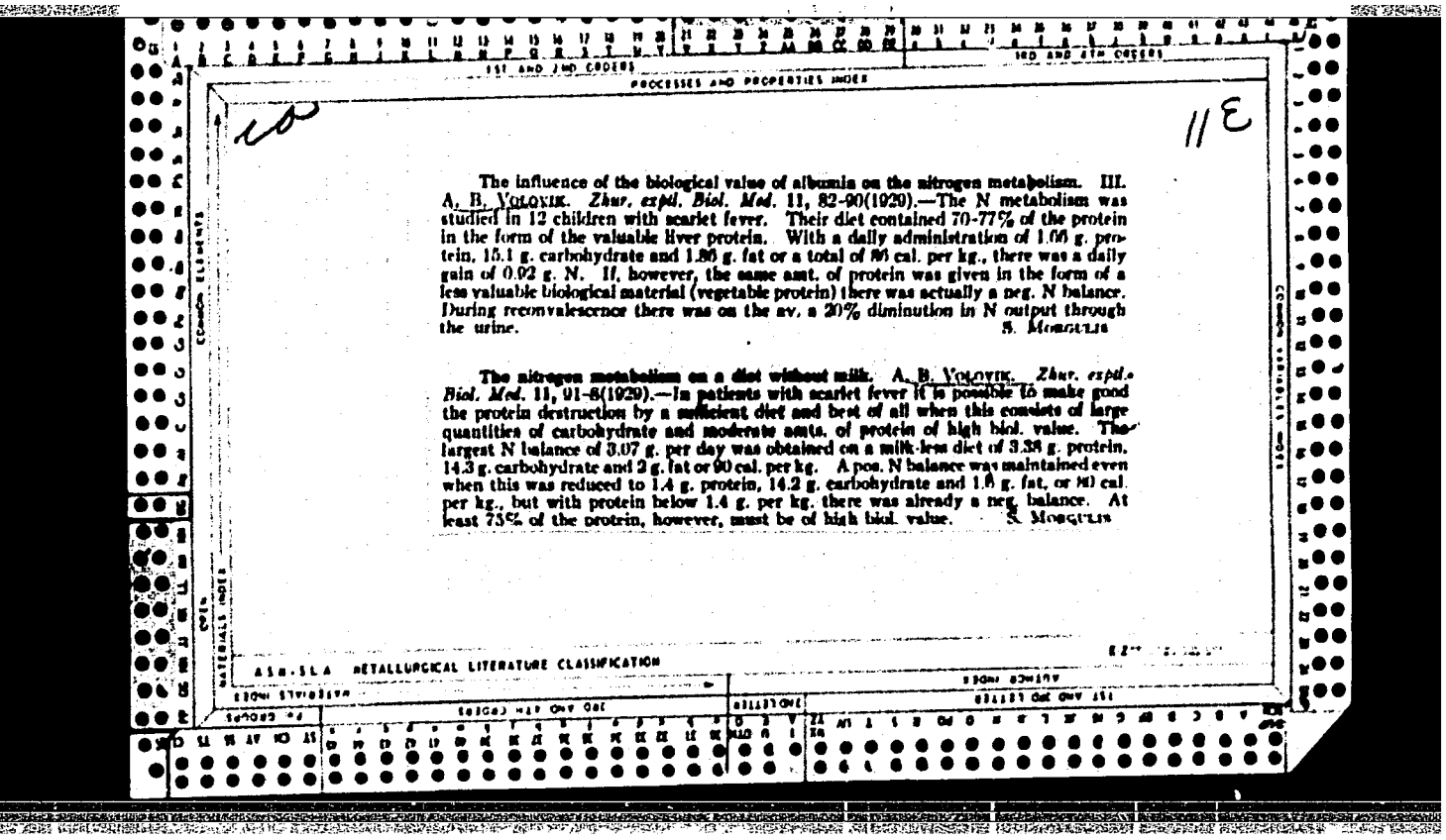
1. Metallurgicheskiy kombinat imeni Serova.

VOLOVIK, Arkadiy Borisovich, prof.; LUR'YE, N.A., red.; BUGROVA, T.I., tekhn. red.

[Heart diseases in children] Bolezni serdtsa u detei. Leningrad, Medgiz, 1963. 44 p. (MIRA 16:12)
(HEART—DISEASES) (CHILDREN—DISEASES)

ABEZGAUZ, Aleksandr Moiseyevich, prof.; VOLOVIK, A.B., red.; LEBEDEVA, G.T., tekhn. red.

[Hemorrhagic diseases in children] Gemorragicheskie zabolevaniia u detei. Leningrad, Medgiz, 1963. 306 p. (MIRA 16:5)
(HEMORRHAGIC DISEASES) (CHILDREN--DISEASES)



PROCESSES AND PROPERTIES INDEX

11E

The influence of the biological value of albumin on the nitrogen metabolism. III. A. B. Volovik. *Zhur. exptl. Biol. Med.* 11, 82-90(1929).—The N metabolism was studied in 12 children with scarlet fever. Their diet contained 70-77% of the protein in the form of the valuable liver protein. With a daily administration of 1.06 g. protein, 15.1 g. carbohydrate and 1.86 g. fat or a total of 86 cal. per kg., there was a daily gain of 0.02 g. N. If, however, the same amt. of protein was given in the form of a less valuable biological material (vegetable protein) there was actually a neg. N balance. During reconvalescence there was on the av. a 20% diminution in N output through the urine. S. Morgulis

The nitrogen metabolism on a diet without milk. A. B. Volovik. *Zhur. exptl. Biol. Med.* 11, 91-6(1929).—In patients with scarlet fever it is possible to make good the protein destruction by a sufficient diet and best of all when this consists of large quantities of carbohydrate and moderate amts. of protein of high biol. value. The largest N balance of 3.07 g. per day was obtained on a milk-less diet of 3.38 g. protein, 14.3 g. carbohydrate and 2 g. fat or 90 cal. per kg. A pos. N balance was maintained even when this was reduced to 1.4 g. protein, 14.2 g. carbohydrate and 1.8 g. fat, or 80 cal. per kg., but with protein below 1.4 g. per kg. there was already a neg. balance. At least 75% of the protein, however, must be of high biol. value. S. Morgulis

ASM-SLA METALLURGICAL LITERATURE CLASSIFICATION

Communicable diseases of children Leningrad Gos. izd-vo med. lit-ry, 1944.
22 p. (49-34735)

RJ401.V6

30901. VOLOVOK, A. B.

O svyazi meditsnskikh vuzov i nauchno-issledovatel'skikh institutov s prakticheskim zdravookhraneniyem. Voprosy pediatrii i okhrany materinstva i detstva, 1949, vyp. 4, s. 5-8,

31090. VOLOVIK, A. B.

Nablyudeniya nad osob ennostyami techeniya revmatizma u detey v poslevoennye gody. Voprosy pediatrii i okhrany materiastva i detstva, 1949, vyp. 4, s. 32-36

VOLOVIK, A. B.

VOLOVIK, A. B.

Pavlov's theories in pediatrics. Vopr. pediat. 18:5, 1950. p. 3-5

CLML 20, 3, March 1951

VOLOVIK, A. B., Prof.

Zav. kafedry propedevtiki detskikh bolezney Leningradskogo pediatricheskogo meditsinskogo instituta

Vop. pediat. i okhr. mat. i det., 1952, no.4

VOLOVIK, A. B.

Physicians

Fiftieth anniversary of death of N. F. Filatov. Vop. pediat. i okhr. mat. i det 20 no. 2, 1952

9. Monthly List of Russian Accessions, Library of Congress, August 1958, Unclassified.

1. VOLOVIK, A.B.

2. USSR (600)

4. Heart - Diseases

7. "Heart disease in children." A.B. Volovik, Reviewed by A.P. Sleptsov, Vop. pediat. 21 no. 1, 1953.

9. Monthly List of Russian Accessions, Library of Congress, APRIL 1953. Unclassified.

MASLOV, M.S., professor, zasluzhenyy deyatel' nauki, deystvitel'nyy chlen Akademii meditsinskikh nauk SSSR; ZAYTSEVA, G.I., kandidat meditsinskikh nauk, sekretar'; KURYLEVA, O.M.; BRONSHTEIN, A.I.; PETROVA, Ye.P.; MALAKHOVSKAYA, D.B.; ITINA, N.A.; MAKAROVA, V.V.; RYBAKOVA, T.N.; ORBELI, L.A., akademik; VOLOVIK, A.B., professor; TUR, A.F., professor; BYSTROLETOVA, G.I.; DANILEVICH, M.G., professor; KUZMICHEVA, A.G., dotsent; BEKHTEREVA, M.I.; ALEKSANDROVA, V.R.

Minutes of the meetings of the Leningrad Society of Pediatricians. Vop. pediat. 21 no.2:60-62 Mr-Ap '53. (MLRA 6:6)

1. Leningradskoe obshchestvo detskikh vrachei. 2. Akademiya meditsinskikh nauk SSSR (for Maslov). (Reflexes) (Scarlet fever)

VOLOVIK, A.B., professor

Therapy and prevention of rheumatism in children. Pediatriia no.5: 6-12 S-O '54. (MLRA 7:12)

(RHEUMATISM, in infant and child, prev. & ther.)

VOLOVIK, A.B.

[Rheumatism in children] Revmatism f detskom vozraste. Izd. 2-oe dop. i ispr. Leningrad. Medgiz, 1955. 211 p. (MLRA 9:1)
(RHEUMATISM)

VOLOVIK, A.B., professor (Leningrad)

Tasks of public health organs in the struggle against rheumatic fever in children. Vop.okh.mat. i det. 1 no.5:3-7 S-O '56. (MIRA 9:11)
(RHEUMATIC FEVER)

VOLOVIK, A.B., professor

Result of using cortisone and ACTH for children with infectious (nonspecific) polyarthritis. Pediatriia 39 no.2:10-12 Mr-Ap '56. (MLRA 9:8)

(ARTHRITIS, RHEUMATOID, in infant and child,
ther., ACTH & cortisone (Rus))
(ACTH, therapeutic use,
rheum. arthritis in child. (Rus))
(CORTISONE, therapeutic use,
same)

VOLOVIK, A. B.

"Problems in the cardiology of childhood" Reviewed by A.B. Volovik. (MIRA 10:10)
Pediatriia no.2:91-92 F '57.
(HEART--DISEASES)

VOLOVIK, A.B.

VOLOVIK, A.B., prof.

Achievements in the struggle against rheumatic fever in children during 40 years. Pediatriia 35 no.12:3-9 '57. (MIRA 11:2)
(RHEUMATIC FEVER)

LIBOV, Aleksandr Leonidovich; VOLOVIK, A.B., red.; KHARASH, G.A., tekhn.red.

[Side effects of antibiotics; clinical characteristics, prevention, and treatment] Pobochnye deistviia antibiotikov; klinicheskaia kharakteristika, profilaktika i lechenie. Gos. izd-vo med. lit-ry, Leningr. otd-nie, 1958. 103 p. (MIRA 12:1)
(ANTIBIOTICS)

VOLOVIK, A.B., prof. (Leningrad)

Rheumatic fever in children. Zdorov'e 4 no.10:18-20 O '58 (MIRA 11:11)
(RHEUMATIC FEVER)

VOLOVIK, A.B., prof.

Some debatable questions in rheumatic fever in children. Pediatriia (MIRA 12:1)
36 no.12:3-7 D '58.
(RHEUMATISM, in inf. & child
(Rus))

VOLOVIK, A.B., prof.

Current status of cardiovascular pathology in children. (MIRA 14:9)
Pediatriia no.8:3-6 '61.
(CARDIOVASCULAR SYSTEM--DISEASES)

VOLOVIK, A.B. (Leningrad)

Advantage of combined therapy in rheumatism in children. (MIRA 15:6)
Vop. okh. mat. i det. 7 no.5:22-27 My '62.
(RHEUMATIC FEVER)

Volovik, A.E., jt. au.

Accounting methods at machine tractor stations Moskva, Gosfinizdat, 1948. 62 p.
(49-20811)

S567.S58

Volovik - A. S.

Effectivity of the application of mixtures of DDT and BHC against vermin of cabbage. A. S. Volovik. *Sbornik Rabot Chlenov Nauch.-Studencheskk. Obshchestva Leningrad. Sel'skokhoz. Inst. za 1951 God.* (Leningrad book) 1953, No. 1, 62-6; *Referat. Zhur., Khim.* 1954, No. 50305.—The following dusts have been used successfully to fight different pests of cabbage: 5% DDT, 7% BHC, and their mixts. in the ratios of 1:1, 1:2, and 2:1, resp. The best results were achieved by using either DDT and BHC alone or their 1:1 mixt. in the amt. of 15 kg./ha.: the yield of cabbage increased 44%, 71%, and 102.6%, resp., when these insecticides were used.

E. Wierbicki

BALON, I.D., kand.tekhn.nauk; ROMANENKO, N.T., inzh.; BOLKUNOV, Ye.P., inzh.; ASTAFUROV, P.I., inzh.; VOLOVIK, A.V., inzh.; TULUYEVSKAYA, T.A., inzh.

Intensification of ferromanganese smelting in large blast furnaces. Met. i gornorud. prom. no.3:8-14 My-Je '63. (MIRA 17:1)

1. Ukrainskiy institut metallov (for Balon, Romanenko). 2. Zavod "Zaporozhstal'" (for Bolkunov, Astafurov, Volovik, Tuluyevskaya).

BALON, I.D., kand.tekhn.nauk; ROMANENKO, N.T., inzh.; YUPKO, L.D., inzh.; BOLKUNOV, Ye.P., inzh.; TULUYEVSKAYA, T.A., inzh.; [illegible]ASTAFUROV, P.I., inzh.; VOLOVIK, A.V., inzh. Prinimali uchastiye: BAKAYEV, A.I.; VOKHNIK, A.R.; KOLOS, V.D.; KAYSTRO N.P. [deceased]; LITVINENKO, V.I.; MAKARCHENKO, N.M.; ONOPRIYENKO, V.P.; PALAGUTA, V.P.; PIKA, V.S.; RAGIN, B.I.; ROMANCHENKO, Ye.I.; SAYENKO, S.D.; STOLYAR, V.V.; SKORIK, N.M.; TOROPENKO, P.D.

Characteristics of making ferromanganese in large capacity blast furnaces and the effect of slag conditions on basic technical and economic indices. Stal' 23 no.12:1069-1073 D '63. (MIRA 17:2)

1. Ukrainskiy nauchno-issledovatel'skiy institut metallov i zavod "Zaporozhstal'".

VOLOVIK, A.Ya., inzh.

Central welding laboratory for the Krasnoyarsk Economic Council. (MIRA 14:9)
Svar. proizv. no.10:44 O '61.
(Krasnoyarsk Territory--Welding)

VOLOVIK, A. Ya.

Experimental organization of an industrial welding service. (MIRA 17:11)
Avtom. svar. 17 no.3:86-87 Mr '64.

1. Bazovaya svarochnaya laboratoriya Krasnoyarskogo soveta narodnogo khozyaystva.

VOLOVIK, B.P. [Volovyk, B.P.], [illegible].

DES-30 [illegible] DES-[illegible] [illegible] stations. [illegible] (MIRA 12:7)
10 [illegible] [illegible]
(Electric [illegible] plants)

APPROVED FOR RELEASE: 08/09/2001 CIA-RDP86-00513R001860720008-9"

VOLOVIK, B.B. [Volovyk, B.B.], inzh.

New series of TSM transformers. Mekh.sil'.hosp. 10 no.12:22 D '59. (MIRA 13:3)
(Electric transformers)

VOLOVIK, B.B., inzh.

Electric tools in agricultural production. Mekh.sil'.hosp. 13 no.12:25-26 D '62. (MIRA 16:2)
(Electricity in agriculture) (Power tools)

VOLOVIK, B.B. [Volovyk, B.B.], inzh.

The AP 50-3Mt automatic switchgear. Mekh. sil'. hosp. 14 no.5: 29-30 My '63. (MIRA 16:10)

VOLOVIK, B.B. [Volovyk, B.B.], inzh.

The DES-40M1 and DES-50M1 standardized diesel electric power plants. Mekh. sil'. hosp. 14 no.10:29 O '63. (MIRA 17:2)

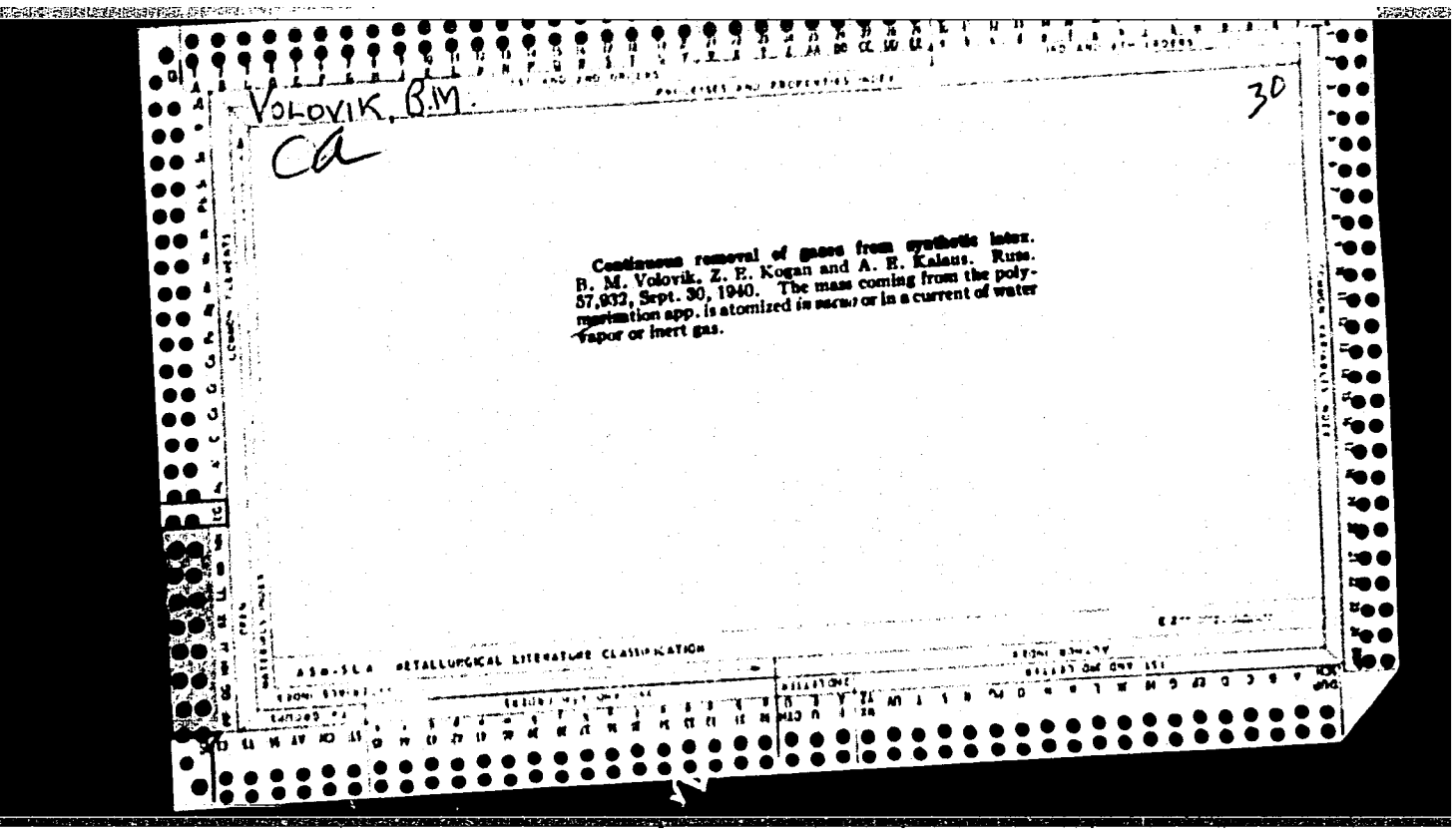
VOLOVIK, B.B. [Volovyk, B.B.], inzh.

Prepare electric power systems and equipment for winter operations.
Mekh. sil'. hosp. 14 no.11:30-31 N'63. (MIRA 17:2)

VOLOVIK, B. E.

Triplex and quarternary processes; textbook for metallurgical and technological colleges Moskva, G s. nauch. tekhn. i.d-vo lit-ry po chernoi i tsvetnoi metallurgii, 1948. 227 p. (49-29307)

QD911.V65



VOLOVIK, B.M.

Ca

30

Continuous removal of gases from synthetic latex. B. M. Volovik, Z. E. Kogan and A. E. Kalaus. Russ. 57,932, Sept. 30, 1940. The mass coming from the polymerization app. is atomized in vacuo or in a current of water vapor or inert gas.

ASB-SLA METALLURGICAL LITERATURE CLASSIFICATION

SOV/63-4-1-22/31

5(2)

AUTHORS: Vladimirov, A.M., Volovik, B.M., Gavrilova, L.A., Kamenetskiy, V.I., Krol', V.A.

TITLE: Continuous Method for Preparing Titanium Trichloride (Nepreryvnyy sposob polucheniya trekhkhloristogo titana)

PERIODICAL: Khimicheskaya nauka i promyshlennost', 1959, Vol 4, Nr 1, p 132 (USSR)

ABSTRACT: A laboratory device for the preparation of $TiCl_3$ is described here. It consists of an evaporating device (1), a heater for $TiCl_4$ vapors (2), an electric furnace (3), a cooler (4) and a container (5). The method is based on the reduction of $TiCl_4$ by hydrogen at 820 - 840°C. The output of the device is 10 - 15 g per hour. The reaction proceeds at a considerable excess of $TiCl_4$ (10 : 1 or 20 : 1) which prevents the formation of $TiCl_2$. The produced $TiCl_3$ is 98% pure.
There are: 1 diagram and 6 references, 2 of which are Soviet, 2 American, 1 English and 1 German.

Card 1/2

Continuous Method for Preparing Titanium Trichloride SOV/63-4-1-22/31

ASSOCIATION: Vsesoyuznyy nauchno-issledovatel'skiy institut sinteticheskogo kauchuka (All-Union Scientific Research Institute of Synthetic Rubber)

SUBMITTED: June 23, 1958

Card 2/2

VOLOVIK, B.V.

VOLOVIK, B.V., inzh.

Electrification of livestock sections of state farms. Mekh. sil'. hosp. [8] no.12:12-13 D '57. (MIRA 10:12)
(Electricity in agriculture) (Stock and stockbreeding)

VOLOVIK, B.V.[Volovyk, B.V.], inzh.

Using electric drive in flour and hulling mills. Mekh. sel'. hosp. 9 no.9:4-5 S '58. (MIRA 11:10)
(Flour mills) (Electric driving)

VOLOVIK, B.V. [Volovyk, B.V.], inzh.

Selecting and replacing brushes of electric machinery. Mekh. sil'hosp. 10 no.2:30-31 F '59. (MIRA 12:6)
(Brushes, Electric)

ASHBEL', S.I.; VOLOVIK, E.M.; SHIRYAYEVA, Ye.S. (Gor'kiy)

Invalidism as a consequence of certain occupational diseases.
Gig. truda i prof. zab. 4 no.4:55-56 Ap '60. (MIRA 15:4)

1. Institut gigiyeny truda i professional'nykh zabolevaniy.
(OCCUPATIONAL DISEASES) (DISABLED)

18.3200

77608
SOV/133-60-2-3/25

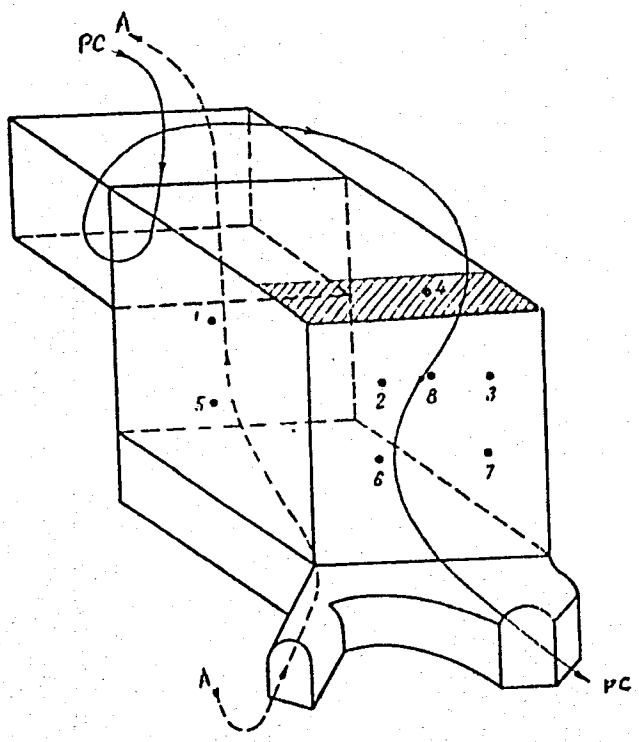
AUTHORS: Volovik, F. L., Gorshtein, P. I., Zelenskiy, V. D., Poyarkov, A. M.

TITLE: Concerning Application of Forsterite Checkers

PERIODICAL: Stal', 1960, Nr 2, pp 125-127 (USSR)

ABSTRACT: The purpose of this investigation was to establish the reasons for the impaired performance of the furnace after replacement of dynas brick by forsterite brick in the 8-12 top checker rows. It was found that decreasing heat conductivity of forsterite brick has little influence on the thermal performance of the checkers. The main cause of poorer performance is the irregularity of smoke and air distribution in the horizontal cross section. The distribution of temperature in the horizontal cross section was determined on a fire model and on the working checkers of a 185-ton furnace. The checkers have a cubic shape with rib size of 6 m, shown in Fig. 2.

Card 1/6



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SOV/133-60-2-8/25

Fig. 2. Schematic diagram of thermocouple location (1-8) and of movement of products of combustion (PC) and air (A) through the right furnace checkers.

Card 2/6

Concerning Application of
Forsterite Checkers

77608
SOV/133-60-2-8/25

The temperature was measured with a 2.5 m long thermocouple in two horizontal planes (Fig. 2). The measurement results shown in Fig. 3 lead to the following conclusions: (1) Combustion products outgoing from vertical ducts make turn in the slag pocket and move mainly to the front wall of the regenerator (Fig. 2). (2) Most of the combustion products pass through the checker area adjacent to the front wall, and most of the air through the checker area adjacent to the bridge wall. (3) The distribution of temperature showed that the gas and air flows do not coincide, which leads to poorer heating of the air. (4) The uniform distribution of the smoke and air by means of temporary and partial closing of the slag pocket allows a decrease in fuel consumption and an increase in furnace productivity. Credit is given to Orman, V. Ya., for his participation. There are 5 figures; and 3 Soviet references.

Card 3/6

Concerning Application of
Forsterite Checkers

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SOV/133-60-2-8/25

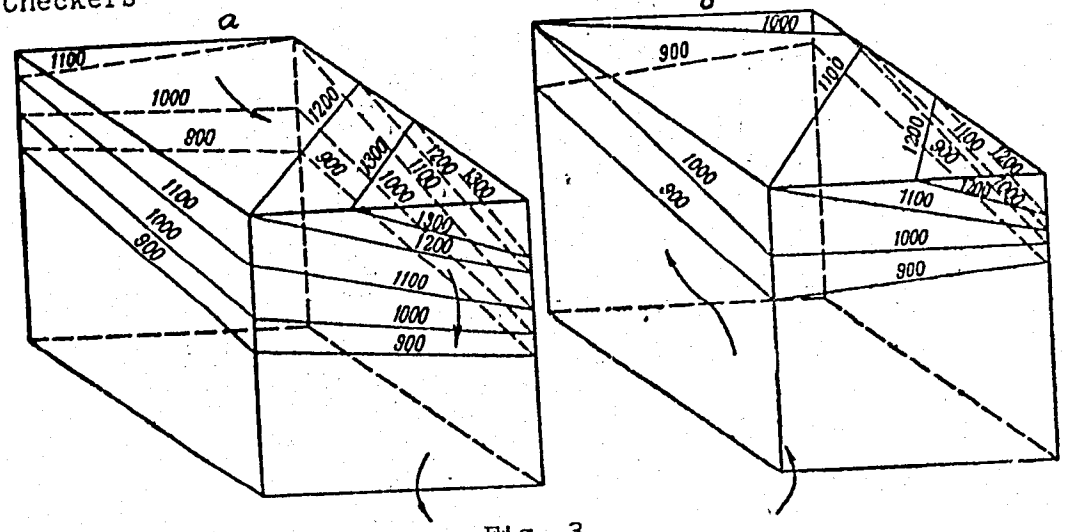

Fig. 3

Card 4/6

Concerning Application of
Forsterite Checkers

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SOV/133-60-2-8/25

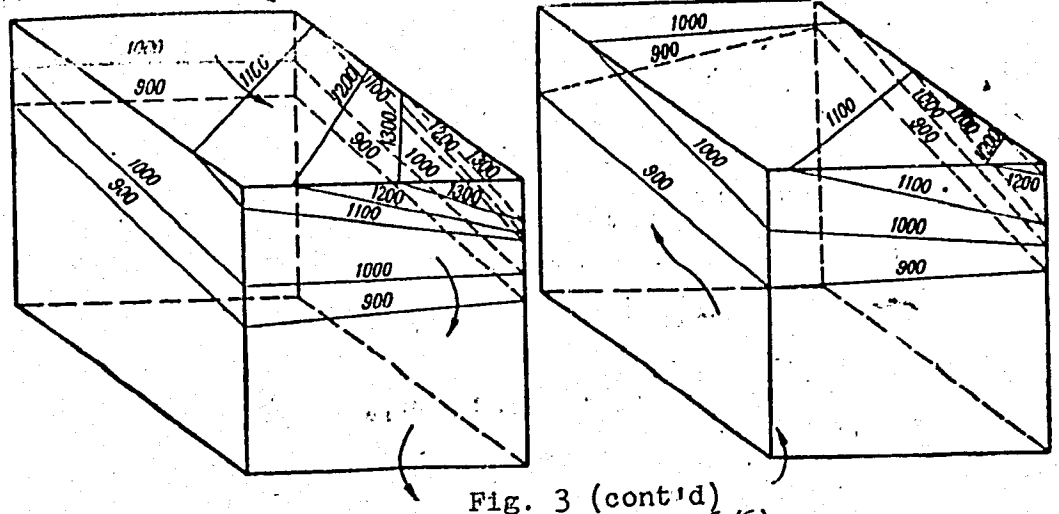


Fig. 3 (cont'd)
(Caption Card 6/6)

Card 5/6

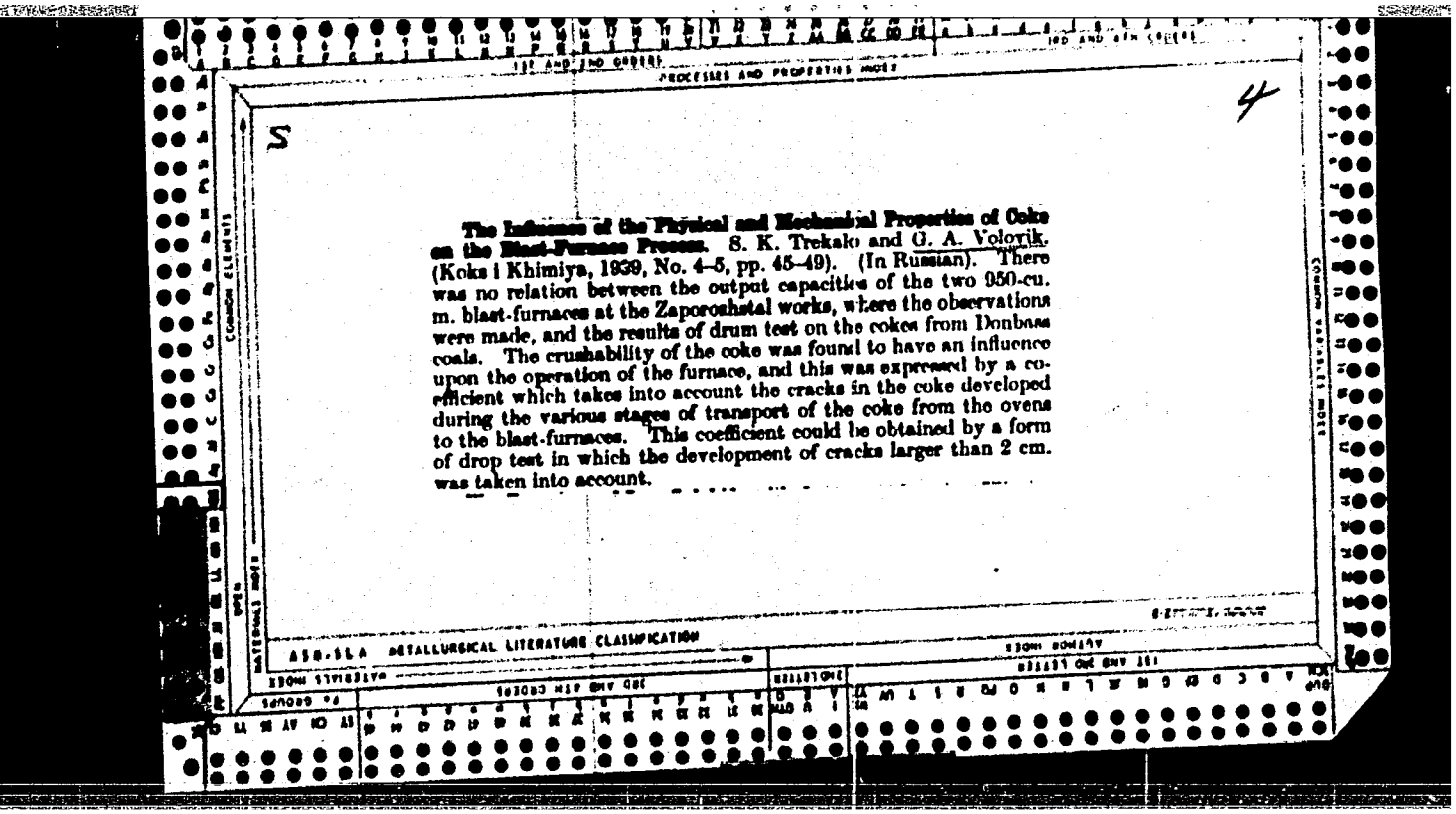
Fig. 3. Temperature distribution (in °C) in right checkers of open-hearth furnaces. (a) Toward end of passage of combustion products (in charging); (b) same, toward end of air passage period; (c) toward end of combustion product passage in smelting; (d) same, toward end of air passage.

PROCESSES AND PROPERTIES INDEX

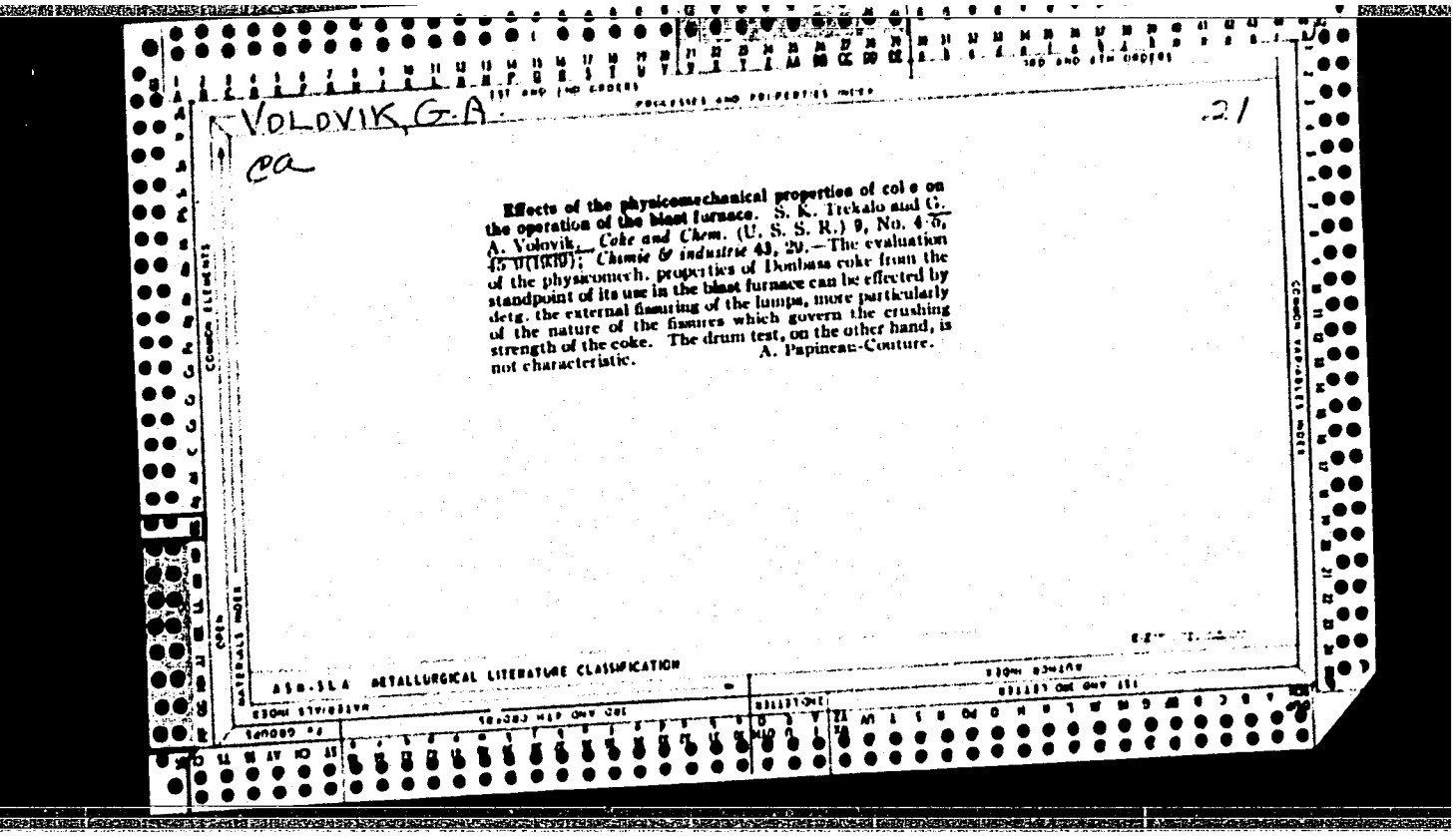
The effect of lampblack deposits upon the reduction of
[iron ore] agglomerates. A. N. Pokhvisnev and [illegible]
[illegible]. *Trudy i Prakt. Met.* No. 2, 6 10(1951).
cf. C. A. 30, 8105°. Krivorog agglomerates contg. faya
lite 1.62-27.1, magnetite 3.8-63.10, hematite 10.0-
28.30 and quartz 0.2-0.26% were reduced in H_2 and CO.
The best temp. flow for the deposition of lampblack is
550° at a CO flow of 1.2 cm. per sec. A decrease in CO
speed from 1.2 to 0.15 cm. per sec. greatly impedes the
process of reduction but the amt. of C deposited per unit
vol. of gas is increased threefold. With a considerable
increase in the amt. of fayalite in the finely ground agglom-
erate, the reduction is impeded at temp. up to 550°.
At a temp. of 800°, there is no relation between reduction
and mineralogical compn. The amt. of lampblack formed
varies inversely with the fayalite content. The deposition
of lampblack is promoted by magnetite but metallic Fe
has no catalytic effect.

B. Z. Kamich

ASM-SLA METALLURGICAL LITERATURE CLASSIFICATION



The Influence of the Physical and Mechanical Properties of Coke on the Blast-Furnace Process. S. K. Trekalo and G. A. Volovik. (Koks i Khimiya, 1939, No. 4–5, pp. 45–49). (In Russian). There was no relation between the output capacities of the two 950-cu. m. blast-furnaces at the Zaporozhstal works, where the observations were made, and the results of drum test on the cokes from Donbass coals. The crushability of the coke was found to have an influence upon the operation of the furnace, and this was expressed by a coefficient which takes into account the cracks in the coke developed during the various stages of transport of the coke from the ovens to the blast-furnaces. This coefficient could be obtained by a form of drop test in which the development of cracks larger than 2 cm. was taken into account.



VOLOVIK, G.A.

ca

21

Effects of the physicomechanical properties of coke on the operation of the blast furnace. S. K. Trekalo and G. A. Volovik. *Coke and Chem.* (U. S. S. R.) 9, No. 4 (1939); *Chimie & industrie* 43, 29.—The evaluation of the physicomech. properties of Donbass coke from the standpoint of its use in the blast furnace can be effected by detg. the external fissuring of the lumps, more particularly of the nature of the fissures which govern the crushing strength of the coke. The drum test, on the other hand, is not characteristic. A. Papineau-Couture.

A58-51A METALLURGICAL LITERATURE CLASSIFICATION

VOLOVIK, G.A.

Investigating blast furnace smelting operations and cast iron output with the help of radioisotopes. (From "Stahl und Eisen" no. 19, 1955). Stal' 16 no.6:572-573 Je '56. (MLRA 9:8)
(Germany, West--Blast furnaces)
(Radioisotopes--Industrial applications)

S/137/61/000/008/007/037
A060/A101

AUTHORS: Gotlib, A. D., Volovik, G. A.

TITLE: Prospects on extra-blast furnace desulfurization of crude iron

PERIODICAL: Referativnyy zhurnal, Metallurgiya, no. 8, 1961, 17, abstract 8V110 ("Metallurg. i gornorudn. prom-st'. Nauchno-tekhn. sb.", 1960, no. 4, 9-13)

TEXT: The considerable importance of extra-blast furnace desulfurization of crude iron under the conditions prevailing in the South of the USSR are noted. Data are cited on the smelting of crude iron with oxide slags (CaO/SiO_2 = 0.8) with a slag ratio 2.44 from ores of the Salzgitter deposit, from poor clay ores of Northamptonshire with slag basicity 1.06, and the results are given from experimental smeltings of Lennings at the works "Oberhausen". Data are also given on the operation in 1940 of the blast furnaces of the Krivorozhskiy plant using slag CaO/SiO_2 = 1.10 - 1.04 with extra-blast furnace desulfurization of the entire crude iron with soda. A special extra-blast furnace desulfurization mixture of 30% soda 35% manganocalcite, and 35% Na Cl is suggested. It is proposed to blow this mixture into the crude iron by means of a Giprostal' apparatus. Prospects are also noted for blow-through of the crude iron in the hearth and

Card 1/2

S/137/61/000/008/007/037
A006/A101

Prospects on extra-blast furnace ...

the activation of hearth slag by introducing a mixture of CaO and MgO into the hearth with a certain amount of Al powder.

A. Pokhvisnev

[Abstracter's note: Complete translation]

V

Card 2/2

VOLOVIK, Grigoriy Aleksandrovich; AFONINA, O.P., red.; GORKAVENKO, L.I., tekhn. red.

[Treatment of cast iron in the ladle] Vnedomennaia obrabotka chuguna. Kiev, Gos. izd-vo tekhn. lit-ry USSR, 1961. 132 p. (MIRA 15:4)

(Cast iron--Metallurgy)

SOV/137-58-12-24130

Translation from: Referativnyy zhurnal. Metallurgiya, 1958, Nr 12, p 30 (USSR)

AUTHOR: Volovik, G. A.

TITLE: Development of Blast-furnace Profiles in the USSR During the Past Forty Years (Razvitiye profilya domennykh pechey v SSSR za 40 let)

PERIODICAL: Izv. vyssh. uchebn. zavedeniy. Chernaya metallurgiya, 1958, Nr 1, pp 17-33

ABSTRACT: An examination is made of the evolution of the profile (P) at various stages of the development of blast-furnace production in our country. The major ratios among the various P elements utilized in developing profiles today are presented. Some original P suggested by Soviet blast-furnacemen and certain errors made in the P of various blast furnaces are described. G.G.Oreshkin's suggestion that determination of rational P dimensions be made on the basis of the operational, and not of the structural, profiles of successfully performing furnaces is recognized as correct. The most rational cooling system is deemed to be that of cooling the base of the stack, the bosh, and the shoulders by means of cooling plates. A method of investigating the condition of the refractory masonry throughout an entire campaign

Card 1/2

Development of Blast-furnace Profiles in the USSR in the Past 40 Years

has to be developed so as to follow the erosion process and determine its regularities, as these require consideration in the designing of a rational profile.

Yu. B.

VOLOVIK, G.A., kand. tekhn. nauk, dotsent

Sulfur absorption in the gaseous phase by sponge iron. Izv. vys. ucheb. zav.; chern. met. 2 no.3:13-19 Mr '59. (MIRA 12:7)

1.Dnepropetrovskiy metallurgicheskiy institut. Rekomendovano kafedroy metallurgii chuguna Dnepropetrovskogo metallurgicheskogo instituta.

(Iron—Metallurgy) (Sulfur)

VOLOVIK, G.A.; POLOVCHENKO, I.G.; CHECHURO, A.N.

Conditions of tapping the smelting products and the desulfuration processes in the furnace. Metallurg 8 no.10:4-8 O '63. (MIRA 16:12)

GOTLIB, A.D.; BRUK, A.S.; OBUKHOVSKIY, Ya.M.; VOLOVIK, G.A.

Coke quality and the new technology of blast furnace smelting. Koks i khim. no.1:26-30 '64. (MIRA 17:2)

1. Dnepropetrovskiy metallurgicheskiy institut.

NEKRASOV, Z.I.; VOLOVIK, G.A.; POKRYSHKIN, V.L.

Sulfur distribution in blast furnaces operating with a rich charge mixture. Izv. vys. ucheb. zav.; chern. met. 7 no.2: 26-33 '64. (MIRA 17:3)

1. Institut chernoy metallurgii Gosudarstvennogo komiteta po chernoy i tsvetnoy metallurgii i Dnepropetrovskiy metallurgicheskiy institut.

VOLOVIK, G.A.

Sulfur in the sinter. Izv. vys. ucheb. zav.; chern. met. 7 no.3:37-46 '64. (MIRA 17:4)

1. Dnepropetrovskiy metallurgicheskiy institut.

VOLOVIK, G.A.

Behavior of sulfur during blast furnace melting. Metallurg 9 no.11:3-7 N '64. (MIRA 18:2)

1. Dnepropetrovskiy metallurgicheskiy institut.

VOLOVIK, G.A., kand. tekhn. nauk; POTEBNYA, Yu.M., kand. tekhn. nauk

Reducing the sulfur content of converter cast iron at the Zaporozhstal' Plant in connection with an improvement of the technology of blast furnace smelting. Stal' 23 [i.e. 24] no.4:296-299 Ap '64. (MIRA 17:8)